		FISHWA	I SIAI	JS REPORT				
Inspec	Date: tion Period:	2/11/2023 2/5/2023	thru	2/11/2023		US Army Cor of Engineers	- Nulus, Olego	n 97050
II JD Fishways are inspected twice per additional and frequent monitoring, of						Portland District	t Phone: 541-5	506-7860
John Day Dam	Inspection OOC	Criteria Limit		Total Number o	f Inspections:	7	Temperature: Secchi:	37.2 F 6.0 Ft.
			N	ORTH FISHV	VAY			
Exit differential	0	≤ 0.5'						
Exit Control weirs	0	High setting					· · ·	•
Count station differential	0	≤ 0.3'						
Intrance differential	0	1.0' - 2.0'	AVG (Ft.)	1.5				
			S	OUTH FISHV	VAY			
Exit differential	0	≤ 0.5'						
xit Control weirs	0	Mid setting						
Count station differential	0	≤ 0.3'						
Neir crest depth (US gauge)	0	1.0' ± 0.1'						
South entrance differential	0	1.0' - 2.0'	AVG (Ft.)	#DIV/0!				
Entrance weir SE1	0	depth (≥ 8')	AVG (Ft.)	#DIV/0!				
Collection channel velocity	0	1.5 - 4 fps	AVG (Ft.)	#DIV/0!				
N. Entrance PH(Bay 19)differential	0	1.0' - 2.0'	AVG (Ft.)	#DIV/0!				
Intrance weir NE1	0	depth (≥ 8')	AVG (Ft.)	#DIV/0!				
Intrance weir NE2	0	depth (≥ 8')	AVG (Ft.)	#DIV/0!				
			JU	VENILE PAS	SAGE			
orebay/bypass conduit differential	0	4.0' - 5.0'	AVG (Ft.)	#DIV/0!				
ubmersible traveling screens	0	visual inspect						
urbine trashrack drawdown	0	<1.5', wkly						
ert barrier screen drawdown	0	<1.2', wkly						
pill volume	0	per FPP	Avg (kcfs)	0.0	Avg %			
pill pattern	0	per FPP						
Furbine Unit Priority	0	per FPP						
Furbine 1% Efficiency	0	per FPP						

Fisheries Related Operations

Smolt Monitoring Operations:

SMF was dewatered on 12/7/22 JBS was dewatered on 1/19/23

Adult Ladder Operations:

NFL RTS on 1/12/23 SFL was dewatered on 1/17/23.

Project Operations:

Current outages: MU4 (ETR: 11/2/23), MU5 (ETR: 1/31/23) MU7 (ETR: 7/31/28), MU8 (ETR: 2/16/23), MU10 (ETR: 3/30/23) MU13 (ETR: 3/23/23) Spill Season ended on 11/29/22 at JDA

Maintenance:

NFL RTS 1/12/23 SFL dewatered on 1/17/23 (ETR: 2/27/23) SMF down for Winter Maintenance (ETR: 2/21/23) ROV SFL and Collection Channel Grading 02/07/23 Calibration:

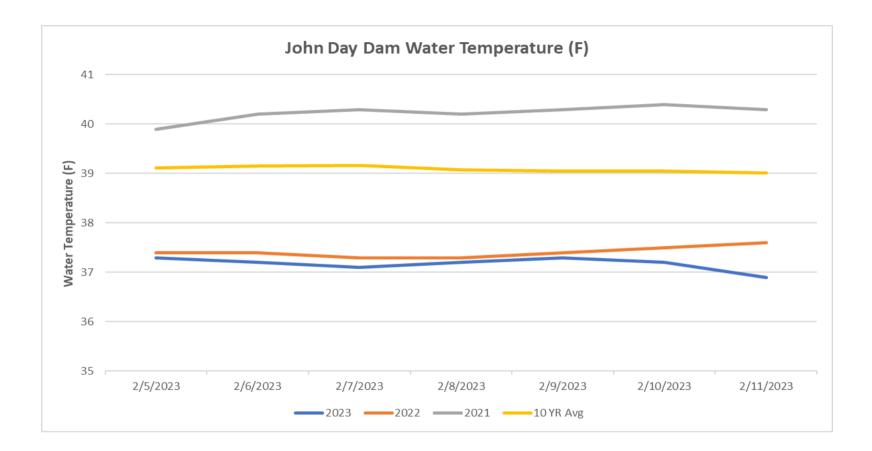
All gauges within the 0.3' criteria.

Bird Data:

Grebes haven't been present, Gull numbers are fewer than 10, and cormorant numbers are holding steady (~60). There are approximately 3 pelicans hanging around Preacher's Island with very few foraging observations in JDA bird counting zones. 11 of 125 avian lines down, in contracting phase for replacement of 9 lines from powerhouse roof. SFL 180 and powerhouse roof was scanned for PIT Tags on 02/01/23. 1 new PIT Tag detected in SFL and 5 new PIT Tags detected on powerhouse roof. No bird counts are being counducted on Saturdays, Sundays, and holidays (back to counting by 3/1/23).

Research:

Preperations for the 2023 Research Season are underway - No new research is scheduled at this time



JDA Collection Channel Velocity

FPP Criteria: 1.5–4.0 feet per second (2 fps optimum)

Date	Measurement Location	Speed (ft/sec)	SFL Turbine RPMs (1,2,3)	Bay 19 TW (ft)

Average Weekly Velocity (ft/sec)	#DIV/0!

JOHN DAY WEEKLY AVERAGES

		So	uth Fish Lad	der		NFL	JBS	Spill			
	SE1 (Ft)	S.Ent (Ft)	NE1 (Ft)	NE2 (Ft)	Bay19 (Ft)	N.Ent (Ft)	JBS Diff (Ft)	Spill Vol. (kcfs)	# Spillbays		
Sunday	Х	Х	Х	Х	Х	1.5	Х	0.0	0.0		
Monday	Х	Х	Х	Х	Х	1.5	Х	0.0	0.0		
Tuesday	Х	Х	Х	Х	Х	1.5	Х	0.0	0.0		
Wednesday	Х	Х	Х	Х	Х	1.6	Х	0.0	0.0		
Thursday	Х	Х	Х	Х	Х	1.7	Х	0.0	0.0		
Friday	Х	Х	Х	Х	Х	1.5	Х	0.0	0.0		
Saturday	Х	Х	Х	Х	Х	1.5	Х	0.0	0.0		
AVG:	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	1.5	#DIV/0!	0.0	0.0		

	Temp (F)	Secchi (Ft)	Notes
Sunday	37.3	6.0	
Monday	37.2	6.0	
Tuesday	37.1	6.0	
Wednesday	37.2	6.0	
Thursday	37.3	6.0	X: Winter Maintenance
Friday	37.2	6.0	
Saturday	36.9	6.0	
AVG	37.2	6.0	

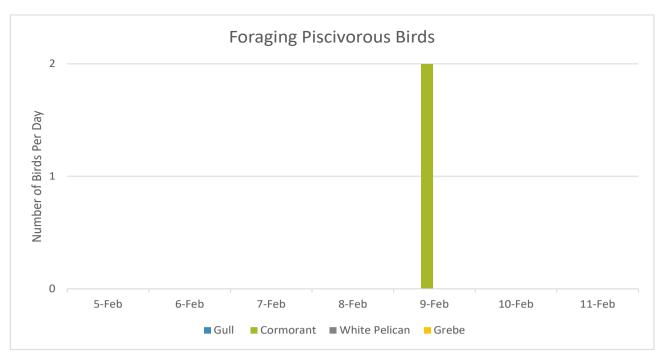


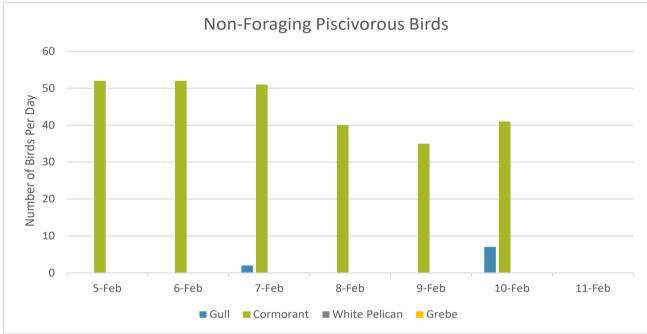
				JDA E	Bird C	oun	ts:	<u>2</u>	/5/23	<u>}</u>	to	2/	11/2	<u>3</u>								
	F(1):	: Forage A	M sur	vey	F(2): F	orage	e PM	Survey	/ NF	(1): N	lon-F	orage A	AM Su	rvey	NF(2): No	n-Fora	age Pl	VI Sur	vey		
						-																
Date	Zone		Gul	ulls Co			Cor	moran	t		Casp	oian ter	n	۱	Vhite	Pelica	n	Grebe				Total
Date	Date Zone		F(2)	NF(1)	NF(2)	F(1)	F(2)	NF(1)	NF(2)	F(1)	F(2)	NF(1)	NF(2)	F(1)	F(2)	NF(1)	NF(2)	F(1)	F(2)	NF(1)	NF(2)	Total
5-Feb	PHFB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5-Feb	SWFB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5-Feb	PH1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5-Feb	PH2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5-Feb	PH3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5-Feb	SW1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5-Feb		0	0	0	0	0	0	52	0	0	0	0	0	0	0	0	0	0	0	0	0	52
5-Feb	SW3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total/Su	rvey	0		()		0		52	(0	0)		0		0		0	52
6-Feb		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6-Feb	SWFB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6-Feb		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6-Feb		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6-Feb	PH3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6-Feb	SW1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6-Feb		0	0	0	0	0	0	52	0	0	0	0	0	0	0	0	0	0	0	0	0	52
6-Feb		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total/Su		0		(0	_	52)	0)		0		0		0	<mark>52</mark>
7-Feb		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7-Feb	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7-Feb		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7-Feb		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7-Feb		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7-Feb		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7-Feb	-	0	0	2	0	0	0	51	0	0	0	0	0	0	0	0	0	0	0	0	0	53
7-Feb		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total/Su		0		-	_		0		51)	0	-)		0		0		0	53
8-Feb		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-Feb	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-Feb		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-Feb		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-Feb		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-Feb		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-Feb		0	0	0	0	0	0	40 0	0	0	0	0	0	0	0	0	0	0	0	0	0	40
8-Feb		0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total/Su	rvey	0		(,		0	2	40)	0)		0		0		0	40

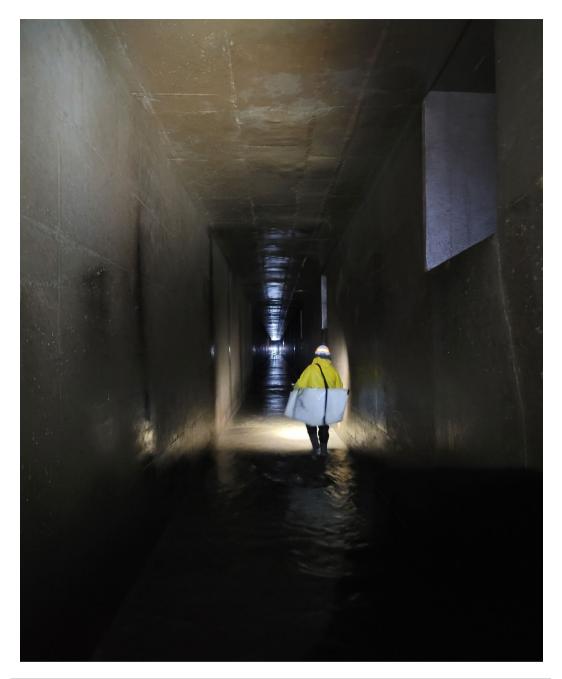
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				JDA E	Bird C	oun	ts:	2	/5/23	<u> </u>	<u>to</u>	2/	11/2	<u>3</u>								
	F(1):	: Forage A	M sur	vey	F(2): F	orage	e PM :	Survey	/ NF	(1): N	lon-F	orage A	AM Su	rvey	NF((2): No	n-Fora	age Pl	V Sur	vey		
			Cor	moran	+		Casr	oian ter	n	White Pelican					Grebe							
Date	Zone	F(1)	Gul	NF(1)	NF(2)	F(1)	F(2)	NF(1)	NF(2)	F(1)		NF(1)	NF(2)	F(1)	F(2)	NF(1)	NF(2)	F(1)	F(2)	NF(1)	NF(2)	Total
9-Feb	PHFB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9-Feb	SWFB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9-Feb	PH1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9-Feb	PH2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9-Feb	PH3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9-Feb	SW1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9-Feb	SW2	0	0	0	0	2	0	35	0	0	0	0	0	0	0	0	0	0	0	0	0	37
9-Feb	SW3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total/Sur	vey	0		(D		2		35		0	0			0		D)		0	37
10-Feb	PHFB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10-Feb	SWFB	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
10-Feb	PH1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10-Feb	PH2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10-Feb	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10-Feb	-	0	0	0	0	0	0	41	0	0	0	0	0	0	0	0	0	0	0	0	0	41
10-Feb	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10-Feb		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total/Sur	_	0		7	7		0		11		0	0)	_	0)		0	48
11-Feb		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11-Feb	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11-Feb		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11-Feb		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11-Feb	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11-Feb		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11-Feb	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11-Feb Total/Sur		0	0	-		-	0	-	0	-	0	0		-	0	-		-	0	-	0	0
Totaly Sul	vey	0					•		•			0										

Totals	Gu	ls	Cori	morant	Casp	oian tern	White	Pelican	Gr	Total	
	F	NF	F	NF	F	NF	F	NF	F	NF	TUTAL
Weekly Total	0	9	2	271	0	0	0	0	0	0	282
Avg/Survey	0	2	0	54	0	0	0	0	0	0	56







JDA crews performing a fish salvage of the JBS collection channel on 1/19/23 (4-sculpin recovered and released in good condition).